IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A device for vibration damping and/or controlling the flexion of an object in machining, wherein the object is a tool, tool holder or workpiece, the device comprising:

at least one force exchange device external of a surface of the object and wherein said force exchange device comprises at least one actuator attached to a locator sleeve and a mechanical lever surrounding the object, the locator sleeve with the at least one actuator and mechanical lever are [[is]] movable along an outer surface of the object, and wherein the at least one force exchange device is operative to either

exchanging a force having a force component directed at right angle to the surface of the object, or

exchanging directly or via [[a]] the mechanical lever, a moment between the object and the device.

2. (Previously Presented) The device according to claim 1, wherein the device further comprising a force transmission device surrounding the object.

3. (Previously Presented) The device according to claim 2, wherein the force exchange device is disposed between a clamp for the object and the force transmission device, and is fixed to or recessed in the clamp.

4. (Previously Presented) The device according to claim 2, wherein the force exchange device is disposed between the force transmission device and the locator sleeve.

5. - 7 (Cancelled)

8. (Previously Presented) The device according to claim 2, wherein the force exchange device is configured to provide a force having a force component at right angles to the force transmission device while also parallel to the surface of the object.

9. (Previously Presented) The device according to claim 2, wherein the force transmission device is positioned between said force exchange device and the object.

10. (Previously Presented) The device according to claim 9, wherein the force transmission device and said force exchange device are positioned in the locator sleeve.

11. (Previously Presented) The device according to claim 1, wherein the at least one force exchange device exchanges a moment provided by a connector part for the object for fixing the object to a clamp for the object.

12. (Previously Presented) The device according to claim 11, wherein said force exchange device is positioned in the clamp for the object.

13. (Cancelled)

14. (Cancelled)

15. (Previously Presented) The device according to claim 1, wherein it comprises a control unit for regulating input to the at least one actuator.

16. (Previously Presented) The device according to claim 15, further comprising a sensor to be disposed on or in the object for detecting vibrations in and/or the flexion of the object, said control unit receiving signals from the sensor for regulating the input based on said signals.

17. (Previously Presented) The device according to claim 16, wherein the sensor is an accelerometer.

18. (Previously Presented) The device according to claim 1, wherein the actuator is a shaker, a pneumatic and hydraulic actuator, a piezoelectric force actuator or any other force, pressure or torsion actuator.

19. (Previously Presented) The device according to claim 1, wherein the actuators are adapted to be passively controlled, said actuators being pneumatic dampers or shunted actuators and/or actively using a damping algorithm.

20. (Previously Presented) The device according to claim 1, wherein the device is modular and permits use of different dimensions and geometrical configurations of the object.

21. (Previously Presented) The device according to claim 1, wherein said at least one force exchange device is at least one force applying device for applying said force and/or for applying said moment to the object.

22. (Previously Presented) The device according to claim 1, wherein said at least one force exchange device is at least one damping device for absorbing vibrations from the object, said damping device being adapted to absorb said force component and/or absorb said moment from the object.

Please add the following new claims:

23. (New) A device for vibration damping and/or controlling the flexion of an object in machining, the device comprising:

a locator sleeve having an inner portion and an outer portion, wherein the inner portion is disposed around an outer surface of the object;

a force transmission sleeve having an inner portion and an outer portion, wherein the inner portion is disposed around the outer surface of the object; and

at least one force exchange device attached to the outer portion of the locator sleeve and the outer portion of the force transmission sleeve, wherein the locator sleeve, the force transmission sleeve and the at least one force exchange device are movable along the outer surface of the object and wherein the at least one force exchange device is operative to either

exchange a force having a force component directed at right angle to the surface of the object, or

exchange directly or via the force transmission sleeve, a moment between the object and the device.

24. (New) The device of claim 23, further comprising a control unit configured to control the at least one force exchange device.

25. (New) The device of claim 24, further comprising a sensor disposed on the object for detecting and sending a signal to the control unit relating to vibration and/or the flexion of the object.

26. (New) A device for vibration damping and/or controlling the flexion of an object in machining, the device comprising:

a locator sleeve connected to a side of a tool clamp, wherein the tool clamp is attachable to a surface of the object;

a force transmission sleeve in contact with the object; and

at least one force exchange device attached between the locator sleeve and the force transmission sleeve, wherein the at least one force exchange device is operative to either

exchange a force having a force component directed at right angle to the surface of the object, or

exchange directly or via the force transmission sleeve, a moment between the object and the device.